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INICO	NOR A TIO	N DIC	OL OCUPE	Application Number	10/687,850		
			CLOSURE	Filing Date	10-17-03	-	
STA	TEMENT	BY AI	PPLICANT	First Named Inventor	Burke		
				Art Unit	1753		
	(Use as many si	heets as n	ecessary)	Examiner Name	Allison L. Watts		
Sheet	1	of	2	Attorney Docket Number	007404-000558		

				U.S. PA	TENT DOCUMENTS	
Examiner initial *	Cite No. 1	Document Nu Number	mber Kind Code ² (if known)	Publication Date MM-DD-YY	Name of Patentee or Applicant of Cited Document	Pages, columns, Lines, Where Relevant Passages or Relevant Figures Appear
2N	1	US-4,929,4	426	05-29-90	Bodai et al.	
Qh_	2	US-5,232,0	667 ·	08-03-93	Hieb et al.	
ZIN	3	US-5,261,4	411	11-16-93	Hughes, Timothy J.	
an	4	US-5,748,0	002	05-05-98	Scott et al.	
CIN	5	US-6,004,4	442	12-21-99	Choulga et al.	
29	6	US-7,018,	843	03-28-06	Heller, Zindel Herbert	

				FOR	EIGN PATENT I	OCUMENTS		
Examiner Initial *	Cite No. 1		oreign Patent Document				Pages, columns, Lines,	T
		Country ³	Number ⁴	Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	⊤ª
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Substitut	te for form 1449B/	PTO .		Complete If Known			
INE	ODMATIO	N DIS	CLOSURE	Application Number	10/687,850		
				Filing Date	10-17-03		
517	AIEMENI	BA W	PPLICANT	First Named Inventor	Burke		
				Group Art Unit	1753		
	(Use as many s	heets as r	ecessary)	Examiner Name	Allison L. Watts		
Sheet	2	of	2	Attorney Docket Number	007404-000558		

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
xeminer iitial *	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, megazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Τ2
24	7	Bedeil ("Admittance and Impedance Loci," Proc. Phys. Soc. London 14 327-336) 1895	
101	8	De Vries, P.M.J.M. et al, Medical and Biological Engineering and Computing, 1993,31, 445-448	
N	9	Doss, J.D. et al, Medical Physics 1986, 13, 876-881	
71	10	Fare, T.L. et al, Biosensors & Bioelectronics 1998, 13, 459-470.	
In	11	pages 320-322 of Microsystem Design by Stephen Senturia, Kluwer Academic Publishers (2002)	
) 9	12	Singhal, P. et al, Analytical Chemistry 1997, 69, 1662-1668.	
)N	13	Tjin, S.C. et al, Medical and Biological Engineering and Computing, 1998,36,467-470.	
71	14	Yamakoshi, K I. et al, Medical and Biological Engineering and Computing, 1994,32, SUPPL., S99-S107	
įη	15	Yamakoshi, K.I. et al, IEEE transactions on bio-medical engineering, 1980,27, 156-161.	
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